



NEW JERSEY
WEEKLY CROP WEATHER

New Jersey Field Office

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
Landisville
Phone: (856)697-2273
Direct Sales Daily
Swedesboro
Phone: (856)476-0313
Hightstown
Phone: (609)448-0193
Auction Sales Mon-Wed-Fri-7pm

Volume 69 No. 2

Date: April 16, 2007

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, April 16, 2007

Rainfall amounts, additional totals of quarter to half an inch today, tenth of an inch tonight and again Tuesday.

Winds for spraying, northwest 15 to 25 mph through Tuesday.

Relative humidity in percent, 70 to 80 today, near 100 tonight, 50 to 60 Tuesday.

Dew points, mostly in the 30s through Tuesday.

Drying conditions, basically poor through Tuesday.

Frost freeze or dew, none tonight or Tuesday night but wetting in precipitation is likely with some snow possible tonight.

Percent of possible sunshine, near zero today, 20 Tuesday.

There is a 60 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Soil will remain saturated for several days.

Temperatures in the representative cranberry bogs should remain above freezing tonight and Tuesday night with clouds and wind.

Early season hay cutting is not recommended for at least the next several days.

The latest 8 to 14 day outlook for the period April 23, 2007 through April 29,2007, is calling for temperatures to average above normal and precipitation to total above normal.

Climate summary for the week ending 8am 4/16/07

Temperatures averaged much below normal, averaging 40 degrees North, 44 degrees Central, and 44 degrees South. Extremes were 66 degrees at Long Branch on April 11, 2007, and 23 degrees at Charlotteburg and Flemington on April 11, 2007.

Weekly rainfall averaged 6.45 inches North, 5.95 inches Central, and 4.13 inches South. The heaviest 24 hour total reported was 6.43 inches at New Brunswick on April 15, 2007 through April 16, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 100 percent North, 99 percent Central, and 98 percent South.

Four inch soil temperatures averaged 39 degrees North, 43 degrees Central, and 43 degrees South.

Weather Summary for the Week Ending 8 am Monday, April 16, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches - - Degrees - Base 50°F -										
NORTH										
Canoe Brook	Data Not Available			Data Not Available				Data Not Available		Data Not Available
Charlotteburg	6.29	11.95	5.54	52	23	40	-7	25	25	100
Flemington	7.75	14.33	8.00	58	23	41	-9	31	31	100
Newton	5.31	8.70	3.05	53	25	39	-9	20	20	100
CENTRAL										
Freehold	5.61	11.14	4.73	61	34	46	-5	62	60	100
Long Branch	5.40	11.04	4.39	66	27	45	-5	29	29	100
New Brunswick	8.82	14.65	8.60	57	26	43	-9	45	41	100
Toms River	3.98	9.59	3.20	57	25	42	-8	62	62	100
Trenton	5.93	11.37	5.56	56	27	43	-10	57	45	100
SOUTH										
Cape May C.H.	2.16	6.01	.36	58	28	45	-7	51	43	100
Downtown	4.69	10.40	4.59	60	25	44	-9	81	68	100
Glassboro	4.60	8.64	2.54	58	31	44	-9	87	75	100
Hammonton	4.17	9.37	3.48	60	24	44	-9	83	72	100
Pomona	3.56	8.25	2.51	59	24	44	-7	72	69	100
Seabrook	5.61	10.70	5.57	59	28	46	-7	103	88	100
South Harrison	5.43	10.72	5.11	57	29	44	NA	81	NA	NA

*Departure from normal.
1/Growing degree days since March 1, 2007, total and departure from normal or long term average.
2/Estimated soil moisture as % of field capacity based on climate data.

Rain Slows Field Preparations

Days suitable for field work, for the week ending Sunday, April 15, 2007, were 4.8. Topsoil moisture was rated 40% adequate and 60% surplus. Irrigation water supply was rated 90% adequate and 10% surplus. There were measurable amounts of rainfall during the week in most localities. Temperatures were below normal for most of the week across the Garden State. For several days, frost was reported in central New Jersey. Peaches were blooming in southern New Jersey. Strawberry plants, which were covered by plastic in central and southern New Jersey, experienced some weather related injury. Cranberries were still under water. Temperatures below normal and persistent rainfall slowed spring activities. Producers continued greenhouse work, top dressing fertilizer, spraying, pruning trees, planting white potatoes and vegetables, and feeding stored hay to livestock.

Jersey Fresh Availability For April 16, 2007

Cilantro	A small volume of fair quality over-wintered product should be available later this week and for at least 2-3 more weeks after that. Spring planted should be available by about the third week of May.
Dandelions	Over-wintered product is available now and for some time. Spring planted should be available by mid-May
Leeks	A small volume of fair quality over-wintered product is available now and for some time.
Spinach	A small volume of fair quality over-wintered product should be available later this week and for another 2-3 weeks or so after that. Spring planted should be available by mid-May.

Jersey Fresh Forecast

Arugula & Kale	Should start being harvested late next week in minimal volume. Volume should pick up each week after that.
Asparagus	Already starting to peek out of the ground a few inches. With warmer weather later on this week, the harvest should begin in about ten days. Volume should begin in 2-3 weeks.
Beets	Just transplanted recently. Harvest should begin in mid-May or so.
Cabbage	Just transplanted recently. Won't be ready until late May or early June.
Collards	Should begin harvesting around the third week of May.
Dill	Should begin harvesting around the third week of May.
Escarole & Endive	Should begin harvesting around the end of May.
Lettuce	Should begin harvesting Boston & Red & Green Leaf in mid-May, followed by Romaine around the third week of May.
Parsley	Over-wintered product will be available in mid-May.
Radishes	Harvest should begin in a week to ten days. Volume should pick up in 2-3 weeks.
Strawberries	Early harvests of Chandler variety berries are expected to begin in mid-May, while the bulk of the crop will be harvested towards the end of May, with lower volumes to continue through the first week of June.
Turnips	Should begin harvesting around the end of May.